| Ref<br># .     | . Hits | Search Query   | DBs                                      | Default<br>Operator | Plurals | Time Stamp       |
|----------------|--------|--|--|---------------------|---------|------------------|
| L1             | 2      | "7035663"  | US-PGPUB;<br>USPAT                       | OR                  | ON      | 2007/06/21 07:50 |
| L2             | 0      | "7035663" and switching adj level  | US-PGPUB;<br>USPAT                       | OR                  | ON      | 2007/06/21 07:50 |
| L3             | 0      | "7035663" and switching  | US-PGPUB;<br>USPAT                       | OR                  | ON      | 2007/06/21 07:50 |
| L4             | 2      | "7035663" and level  | US-PGPUB;<br>USPAT                       | OR                  | ON      | 2007/06/21 07:52 |
| L5             | 0      | "7035663" and parallel   | US-PGPUB;<br>USPAT                       | OR                  | ON      | 2007/06/21 07:53 |
| L6             | 0      | "7035663" and sequences  | US-PGPUB;<br>USPAT                       | OR                  | ON      | 2007/06/21 07:53 |
| L7             | 0      | "7035663" and sequence   | US-PGPUB;<br>USPAT                       | OR                  | ON      | 2007/06/21 08:18 |
| L8             | 2      | "7035663" and first near protocol same second near protocol  | US-PGPUB;<br>USPAT                       | OR                  | ON      | 2007/06/21 08:34 |
| L <del>9</del> | 2      | "7035663" and frequency  | US-PGPUB;<br>USPAT                       | OR                  | ON      | 2007/06/21 08:37 |
| S1             | 1      | (data near1 transmission near1 unit) same (data near1 processing near1 system) same (first near1 protocol) same (second near1 protocol) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR                  | ON<br>: | 2007/05/31 10:07 |
| S2             | 452    | (data near1 transmission near1 unit or device) same (data near1 processing near1 system or network) same (first near1 protocol) same (second near1 protocol) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR                  | ON      | 2007/06/07 13:41 |
| S3             | 221    | "370"/\$.ccls. and (data near1 transmission near1 unit or device) same (data near1 processing near1 system or network) same (first near1 protocol) same (second near1 protocol) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR                  | ON      | 2007/06/05 15:02 |

| S4 | . 1 | "370"/\$.ccls. and (data near1 transmission near1 unit or device) same (data near1 processing near1 system or network) same (first near1 protocol) same (second near1 protocol) and switch\$5 and asynchronously and synchronously and (@ad<"20040112" @prad<"20040112" @rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON   | 2007/05/31 10:17 |
|----|-----|---|--|------|------|------------------|
| S5 | 41  | "370"/466.ccls. and (data near1 transmission near1 unit or device) same (data near1 processing near1 system or network) same (first near1 protocol) same (second near1 protocol) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON . | 2007/06/04 08:12 |
| S6 | 1   | "370"/466.ccls. and (data near1 transmission near1 unit or device) same (data near1 processing near1 system or network) same (first near1 protocol) same (second near1 protocol) same parallel and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON   | 2007/05/31 10:38 |
| S7 | 2   | "370"/466.ccls. and (data near1 transmission near1 unit or device) same (data near1 processing near1 system or network) same (first near1 protocol) same (second near1 protocol) same frequency and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON   | 2007/05/31 10:39 |
| S8 | 26  | data with parallel with (protocol near1 (first or second)) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON   | 2007/06/04 10:11 |
| S9 | 6   | data with parallel with (protocol near1 (first or second)) and asynchronous\$4 and synchronous\$4 and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR . | ON   | 2007/06/04 14:03 |

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|-----|----|--|--|------|----|------------------|
| S10 | 10 | data with parallel with (protocol near1 (first or second)) and asynchronous\$4 and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/04 13:12 |
| S11 | 5  | data with parallel with (protocol near1 (first or second)) and asynchronous\$4 near1 transfer and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/07 09:30 |
| S12 | 1  | data with parallel with (protocol near1 (first or second)) and (frequency near1 range) and (signal near1 level) and (signal near1 sequence) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/04 13:18 |
| S13 | 99 | "370"/\$.ccls. and (frequency near1 range) and (signal near1 level) and (signal near1 sequence) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/04 15:33 |
| S14 |    | "370"/466.ccls. and (frequency near1 range) and (signal near1 level) and (signal near1 sequence) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/04 14:02 |
| S15 | 0  | 2002/0006136 and (frequency near1 range) and (signal near1 level) and (signal near1 sequence) and (data with parallel with (protocol near1 (first or second)) and asynchronous\$4 and synchronous\$4) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/04 14:29 |
| S16 |    | 2002/0006136 and (frequency near1 range) and (signal near1 level) and (signal near1 sequence) and (protocol near1 (first or second) and asynchronous\$4 and synchronous\$4) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR . | ON | 2007/06/04 14:33 |

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|-----|---|---|--|----|----|------------------|
| S17 | 0 | "20020006136" and (frequency near1 range) and (signal near1 level) and (signal near1 sequence) and (data with parallel with (protocol near1 (first or second)) and asynchronous\$4 and synchronous\$4) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 09:27 |
| S18 | 1 | "20020006136" and (frequency near1 range) and (signal near1 level) and (signal near1 sequence) and (protocol near1 (first or second) and asynchronous\$4 and synchronous\$4) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/04 14:33 |
| S19 | 3 | "370"/\$.ccls. and (protocol near1 (first or second)) and asynchronous\$4 and synchronous\$4 and (frequency near1 range) and (signal near1 level) and (signal near1 sequence) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/04 15:07 |
| S20 | 5 | (protocol near1 (first or second)) and asynchronous\$4 and synchronous\$4 and (frequency near1 range) and (signal near1 level) and (signal near1 sequence) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 09:32 |
| S21 | 4 | (protocol near1 (first and second)) and asynchronous\$4 and synchronous\$4 and (frequency near1 range) and (signal near1 level) and (signal near1 sequence) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/08 13:50 |
| S22 | 5 | "370"/\$.ccls. and (frequency near1 range) and (signal near1 level) and (signal near1 sequence) and (switch\$4 near1 level) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/04 15:15 |

| S23 | 26  | (frequency near1 range) and (signal near1 level) and (signal near1 sequence) and (switch\$4 near1 level) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/07 09:59 |
|-----|-----|--|--|----|------|------------------|
| S24 | . 1 | (protocol near1 (first and second)) and (frequency near1 range) and (signal near1 level) and (signal near1 sequence) and (switch\$4 near1 level) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/04 15:17 |
| S25 | 1   | (protocol near1 (first or second)) and (frequency near1 range) and (signal near1 level) and (signal near1 sequence) and (switch\$4 near1 level) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/04 15:17 |
| S26 | 4   | "370"/\$.ccls. and protocol near1 first and (frequency near1 range) and (signal near1 level) and (signal near1 sequence) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/04 15:36 |
| S27 | 1   | (first near1 protocol) same<br>(frequency near1 range) same<br>(signal near1 sequence) same<br>(signal near1 level) and<br>(@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON · | 2007/06/04 15:38 |
| S28 | 18  | "370"/\$.ccls. and (data near1 transmission near1 unit or device) same (data near1 processing near1 system or network) same (first near1 protocol) same (second near1 protocol) and (frequency near1 range) and (@ad<"20040112" @prad<"20040112" @prad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/05 08:06 |

| S29 | 8   | "370"/\$.ccls. and (data near1 transmission near1 unit or device) same (data near1 processing near1 system or network) same (first near1 protocol) same (second near1 protocol) and (signal near1 level) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON. | 2007/06/05 08:16 |
|-----|-----|--|--|----|-----|------------------|
| S30 | 165 | "370"/\$.ccls. and (first near1 protocol) same (second near1 protocol) and ((security near1 data) or (cyclic near1 block near1 check) or (cyclic near1 redundancy near1 check) or (parity near1 check) or (CRC)) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON  | 2007/06/06 14:54 |
| S31 | 94  | "370"/\$.ccls. and (first near1 protocol) same (second near1 protocol) and ((security near1 data) or (cyclic near1 block near1 check) or (cyclic near1 redundancy near1 check) or (parity near1 check) or (CRC)) and (frequency and signal) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON  | 2007/06/05 14:01 |
| S32 | 4   | "370"/\$.ccls. and (first near1 protocol) same (second near1 protocol) and ((security near1 data) or (cyclic near1 block near1 check) or (cyclic near1 redundancy near1 check) or (parity near1 check) or (CRC)) and (frequency near1 range) and (signal near1 level) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON  | 2007/06/05 08:44 |
| S33 | 19  | "370"/\$.ccls. and (first near1 protocol) same (second near1 protocol) and ((security near1 data) or (cyclic near1 block near1 check) or (cyclic near1 redundancy near1 check) or (parity near1 check) or (CRC)) and ((frequency or signal) near1 level) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")              | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON  | 2007/06/05 13:22 |

| <u></u> |      |   |  |      |    |                  |
|---------|------|---|--|------|----|------------------|
| S34     | 0    | "370"/\$.ccls. and (first near1 protocol) same (second near1 protocol) and ((security near1 data) or (cyclic near1 block near1 check) or (cyclic near1 redundancy near1 check) or (parity near1 check) or (CRC)) and (frequency and signal) near1 level and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/05 14:05 |
| S35     | 0    | "370"/\$.ccls. and (first near1 protocol) same (second near1 protocol) and ((security near1 data) or (cyclic near1 block near1 check) or (cyclic near1 redundancy near1 check) or (parity near1 check) or (CRC)) and (frequency with signal) near1 level and (@ad<"20040112" @prad<"20040112" @rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/05 14:06 |
| S36     | 36   | (first near1 protocol) same (second near1 protocol) and ((security near1 data) or (cyclic near1 block near1 check) or (cyclic near1 redundancy near1 check) or (parity near1 check) or (CRC)) and (frequency or signal) near1 level and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/06 14:50 |
| S37     | 3071 | (first near1 protocol) same (second near1 protocol) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/07 09:25 |
| S38     | 355  | (first near1 protocol) same (second near1 protocol) and asynchronous\$4 and synchronous\$4 and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/05 15:04 |
| S39     | 35   | (first near1 protocol) same (second near1 protocol) and asynchronous\$4 and synchronous\$4 and ((frequency or signal) near1 level) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR . | ON | 2007/06/06 07:32 |

| S40 | 1       | (first near1 protocol) same (second near1 protocol) same (asynchronous\$4 and synchronous\$4) and ((frequency or signal) near1 level) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR  | ON   | 2007/06/06 07:37 |
|-----|---------|--|--|-----|------|------------------|
| S41 | 2328508 | "370"/\$.ccls. and @ad<"20040112"<br>and signal level and (first and<br>second) protocol   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR  | ON   | 2007/06/06 07:40 |
| S42 | 1067374 | "370"/\$.ccls. and @ad<"20040112"<br>and signal level same (first and<br>second) protocol  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR  | ON   | 2007/06/06 07:40 |
| S43 | 47      | "370"/\$.ccls. and @ad<"20040112"<br>and signal level and (first and<br>second) protocol   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | ADJ | ON   | 2007/06/06 07:40 |
| S44 | 0       | "370"/\$.ccls. and @ad<"20040112"<br>and signal level same (first and<br>second) protocol  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | ADJ | ON   | 2007/06/06 08:59 |
| S45 | 3       | 10/218178  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | ADJ | ON   | 2007/06/06 09:05 |
| S46 | 14      | 2002/0061012   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | ADJ | ON   | 2007/06/06 09:07 |
| S47 | 0       | 2002/0061012 dn Thi  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | ADJ | ON   | 2007/06/06 09:08 |
| S48 | 14      | 2002/0061012 and Thi   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | ADJ | ON . | 2007/06/06 09:08 |
| S49 | 11      | ("20010036181"   "20020061012"   "20020063932"   "20020109887"   "20020126967"   "20020191598"   "5577069"   "5784559"   "6763195"   "6778551"   "7089485").PN.                              | US-PGPUB;<br>USPAT;<br>USOCR             | OR  | ON   | 2007/06/06 09:09 |

| 656 |         | (11500 400511   11504 5044 11   | 110 505::5                   | 05  |    | 2007/06/06 55    |
|-----|---------|---|------------------------------|-----|----|------------------|
| S50 | 17      | ("5224205"   "5815811"   "5968116"   "5979757"   "6002918"   "6067297"   "6084528"   "6101528"   "6178426"   "6188681"   "6199753"   "6286047"   "6430395"   "6947404"   "6956833"   "7065058"   "7079518").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR  | ON | 2007/06/06 09:10 |
| S51 | 14      | "6580358"   | US-PGPUB;<br>USPAT;<br>USOCR | OR  | ON | 2007/06/06 09:37 |
| S52 | 1       | 10/463364   | US-PGPUB;<br>USPAT;<br>USOCR | OR  | ON | 2007/06/06 09:38 |
| S53 | 1       | 09/949811   | US-PGPUB;<br>USPAT;<br>USOCR | OR  | ON | 2007/06/06 09:51 |
| S54 | 1310219 | frequency range or scale  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/06 09:55 |
| S55 | 134911  | frequency range or scale and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/06 09:53 |
| S56 | 134911  | frequency range or scale with (first or second) protocol and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/06 09:54 |
| S57 | 0       | frequency (range or scale) with (first or second) protocol and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/06 09:54 |
| S58 | 0       | frequency (range or scale) same<br>(first and second) protocol and<br>(@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/06 09:55 |
| S59 | 136141  | frequency (range or scale)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/06 09:55 |
| S60 | 0       | frequency (range or scale)and<br>(@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/06 09:55 |
| S61 | 0       | frequency (range or scale) and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2007/06/06 09:55 |

| S62 | 0      | frequency (range or scale) and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR             | ADJ | ON | 2007/06/06 09:56 |
|-----|--------|--|--|-----|----|------------------|
| S63 | 105980 | frequency adj (range or scale) and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR             | OR  | ON | 2007/06/06 09:56 |
| S64 | 203    | frequency adj (range or scale) and (first near1 protocol) and (second near1 protocol) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR             | OR  | ON | 2007/06/06 09:58 |
| S65 | 3      | frequency adj (range or scale) same (first near1 protocol) same (second near1 protocol) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR             | OR  | ON | 2007/06/06 10:01 |
| S66 | 0      | singal adj (level or sequence) same (first near1 protocol) same (second near1 protocol) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR             | OR  | ON | 2007/06/06 10:02 |
| S67 | 28     | singal adj (level or sequence) and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR             | OR  | ON | 2007/06/06 10:13 |
| S68 | 1      | singal adj (level or sequence) same protocol and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR             | OR  | ON | 2007/06/06 10:11 |
| S69 | 13     | singal adj level and<br>(@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR             | OR  | ON | 2007/06/06 10:14 |
| S70 | 14     | singal adj (level or range) and<br>(@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR             | OR  | ON | 2007/06/06 10:14 |
| S71 |        | 10/100208  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR  | ON | 2007/06/06 11:19 |

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|-------|-----|---|--|------|----|------------------|
| S72   | 1   | (second near1 protocol) with ((security near1 data) or (cyclic near1 block near1 check) or (cyclic near1 redundancy near1 check) or (parity near1 check) or (CRC)) and (frequency or signal) near1 level and (@ad<"20040112" @prad<"20040112" @rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR _ | ON | 2007/06/06 14:51 |
| S73   | 8   | (second near1 protocol) with ((security near1 data) or (cyclic near1 block near1 check) or (cyclic near1 redundancy near1 check) or (parity near1 check) or (CRC)) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/06 14:52 |
| S74   | 294 | "370"/\$.ccls. and (second near1 protocol) and ((security near1 data) or (cyclic near1 block near1 check) or (cyclic near1 redundancy near1 check) or (parity near1 check) or (CRC)) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/07 08:27 |
| S75 . | 0   | "370"/\$.ccls. and (second near1 protocol) with ((security near1 data) or (cyclic near1 block near1 check) or (cyclic near1 redundancy near1 check) or (parity near1 check) or (CRC)) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/06 14:55 |
| S76   |     | "370"/\$.ccls. and (second near1 protocol) same((security near1 data) or (cyclic near1 block near1 check) or (cyclic near1 redundancy near1 check) or (parity near1 check) or (CRC)) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/06 14:55 |
| S77   | . 3 | "370"/\$.ccls. and (second near1 protocol) same ((security near1 data) or (cyclic near1 block near1 check) or (cyclic near1 redundancy near1 check) or (parity near1 check) or (CRC)) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/06 14:56 |

|     |       | <u> </u>   |  |    |    |                  |
|-----|-------|--|--|----|----|------------------|
| S78 | 49    | "370"/466.ccls. and (second near1 protocol) and ((security near1 data) or (cyclic near1 block near1 check) or (cyclic near1 redundancy near1 check) or (parity near1 check) or (CRC)) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")         | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/06 15:03 |
| S79 | 2     | "370"/466.ccls. and (second near1 protocol) same ((security near1 data) or (cyclic near1 block near1 check) or (cyclic near1 redundancy near1 check) or (parity near1 check) or (CRC)) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")        | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/06 15:15 |
| S80 | 0     | "370"/466.ccls. and (second near1 protocol) same ((security near1 data) or (cyclic near1 block near1 check) or (cyclic near1 redundancy near1 check) or (parity near1 check) or (CRC)) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112").clm.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/06 15:16 |
| S81 | 0     | ("370"/466.ccls. and (second near1 protocol) same ((security near1 data) or (cyclic near1 block near1 check) or (cyclic near1 redundancy near1 check) or (parity near1 check) or (CRC)) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112").clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/06 15:17 |
| S82 | 0     | "370"/466.ccls. and ((second near1 protocol) same ((security near1 data) or (cyclic near1 block near1 check) or (cyclic near1 redundancy near1 check) or (parity near1 check) or (CRC))).clm. and (@ad<"20040112" @prad<"20040112" @rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/06 15:25 |
| S83 | 54064 | signal adj sequence and<br>(@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/06 15:25 |
| S84 | 1258  | "370"/\$.ccls. and signal adj<br>sequence and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/06 15:26 |

| S85 | 12 | "370"/\$.ccls. and (first or second)<br>adj signal adj sequence and<br>(@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON   | 2007/06/06 15:53 |
|-----|----|---|--|------|------|------------------|
| S86 | 50 | "370"/\$.ccls. and (first or second)<br>adj signal adj level and<br>(@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")    | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON   | 2007/06/06 16:06 |
| S87 | 0  | "370"/466.ccls. and (first or second)<br>adj signal adj level and<br>(@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON   | 2007/06/06 16:00 |
| S88 | 1  | (first adj protocol) with ("20" adj<br>mbps) with rate and<br>(@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")          | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON   | 2007/06/07 08:29 |
| S89 | 12 | protocol with ("20" adj mbps) with<br>rate and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR . | ON   | 2007/06/07 08:40 |
| S90 | 1  | protocol with ("640" adj mbps) with<br>rate and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON   | 2007/06/07 08:44 |
| S91 | 2  | protocol with ("640" adj mbps) and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON   | 2007/06/07 08:46 |
| S92 | 0  | protocol adj ("640" adj mbps) and<br>(@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON . | 2007/06/07 08:47 |
| S93 | 0  | protocol NEAR ("640" adj mbps)<br>and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON   | 2007/06/07 08:47 |
| S94 | 0  | "370"/\$.ccls. and ("640" adj mbps)<br>adj rate and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON   | 2007/06/07 08:47 |
| S95 | 16 | "370"/\$.ccls. and ("640" adj mbps)<br>and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON   | 2007/06/07 08:48 |

|          |   |   | ~  |    | •  |                  |
|----------|---|---|--|----|----|------------------|
| S96      | 7 | "370"/\$.ccls. and ("640" adj mbps)<br>and protocol and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 08:49 |
| S97      | 3 | "370"/\$.ccls. and ("640" adj mbps)<br>same protocol and<br>(@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 09:03 |
| S98      | 1 | (first adj driver) with symmetrical with ("h-level" or (high adj level)) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 09:17 |
| S99      | 2 | (first adj driver) with (symmetrical or equal or proportional) with ("h-level" or (high adj level)) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 09:18 |
| S10<br>0 | 0 | 10/100208 and (acknowledg\$7 or handshake)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 09:26 |
| S10<br>1 | 0 | "10100208" and (acknowledg\$7 or handshake)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 09:26 |
| S10<br>2 | 1 | (frequency near1 range) and (signal near1 level) and (signal near1 sequence) and (data with parallel with (protocol near1 (first or second)) and asynchronous\$4 and synchronous\$4) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 09:29 |
| S10<br>3 | 6 | (data with parallel with (protocol near1 (first or second)) and asynchronous\$4 and synchronous\$4) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 09:29 |
| S10<br>4 | 1 | data with parallel with (protocol near1 (first or second)) and asynchronous\$4 near1 transfer and (acknowledgement or handshake) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 09:31 |

| 015      |            |  |  |    |      | 2007/06/27 22 53 |
|----------|------------|--|--|----|------|------------------|
| S10<br>5 | 239        | (protocol near1 (first or second)) and asynchronous\$4 and synchronous\$4 and (ackknowledgment or handshake) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/07 09:38 |
| S10<br>6 | 10         | "370"/\$.ccls. and (protocol adj (first<br>and second)) and asynchronous\$4<br>and synchronous\$4 and<br>(ackknowledgment or handshake)<br>and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")        | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON . | 2007/06/07 09:35 |
| S10<br>7 | 0          | "370"/\$.ccls. and (protocol adj (first<br>and second)) same<br>(asynchronous\$4 and<br>synchronous\$4) same<br>(ackknowledgment or handshake)<br>and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/07 09:45 |
| S10<br>8 | <b>0</b> ' | "370"/\$.ccls. and (protocol near1 (first and second)) same (asynchronous\$4 and synchronous\$4) same (ackknowledgment or handshake) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/07 09:36 |
| S10<br>9 | 1          | (protocol near1 (first or second)) same asynchronous\$4 same synchronous\$4 same (ackknowledgment or handshake) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/07 09:37 |
| S11<br>0 | 0          | (protocol near1 (first or second)) and (asynchronous\$4 and synchronous\$4) adj (ackknowledgment or handshake) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON . | 2007/06/07 09:39 |
| S11<br>1 | 0          | "09825791"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/07 09:39 |

| S11<br>2 | 8   | "09/825791"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/07 09:40 |
|----------|-----|---|--|----|------|------------------|
| S11<br>3 | 8   | "09/825791" and asynchronous\$4<br>and synchronous\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/07 09:40 |
| S11<br>4 | 7   | "09/825791" and asynchronous\$4<br>and synchronous\$4 and<br>(acknowledgment or handshake)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/07 09:42 |
| S11<br>5 | 0   | "09/825791" and asynchronous\$4<br>and synchronous\$4 same<br>(acknowledgment or handshake)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/07 09:41 |
| S11<br>6 | 0   | "09/825791" and (asynchronous\$4 or synchronous\$4) same (acknowledgment or handshake)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/07 09:41 |
| S11<br>7 | 1   | "511048" and asynchronous\$4 and synchronous\$4 and (acknowledgment or handshake)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/07 09:43 |
| S11<br>8 | 0   | "09/967896" and asynchronous\$4<br>and synchronous\$4 and<br>(acknowledgment or handshake)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON . | 2007/06/07 09:44 |
| S11<br>9 | 0   | "09/224632" and asynchronous\$4<br>and synchronous\$4 and<br>(acknowledgment or handshake)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/07 09:44 |
| S12<br>0 | 0   | "10/100208" and asynchronous\$4<br>and synchronous\$4 and<br>(acknowledgment or handshake)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/07 09:53 |
| S12<br>1 | 0   | "370"/\$.ccls. and (protocol adj first)<br>and (protocol adj second) same<br>(asynchronous\$4 and<br>synchronous\$4) same<br>(ackknowledgment or handshake)<br>and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/07 09:46 |
| S12<br>2 | 869 | asynchronous\$4 and synchronous\$4 same (acknowledgment or handshake)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON   | 2007/06/07 09:53 |

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|----------|----------|---|--|----|----|------------------|
| S12<br>3 | 763      | asynchronous\$4 and synchronous\$4 same (acknowledgment or handshake) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 09:53 |
| S12<br>4 | 162      | "370"/\$.ccls. and asynchronous\$4<br>and synchronous\$4 same<br>(acknowledgment or handshake)<br>and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 09:56 |
| S12<br>5 | 0        | "370"/\$.ccls. and asynchronous\$4 and synchronous\$4 same (acknowledgment or handshake) same (first adj protocol) same (second adj protocol) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 09:55 |
| S12<br>6 | 0        | "370"/\$.ccls. and asynchronous\$4<br>and synchronous\$4 same<br>(acknowledgment or handshake)<br>same (first or second) adj protocol<br>and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 09:55 |
| S12<br>7 | 11       | "370"/\$.ccls. and (first near1 protocol) and asynchronous\$4 and synchronous\$4 same (acknowledgment or handshake) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 09:56 |
| S12<br>8 | 530      | (protocol near1 (first and second))<br>and asynchronous\$4 and<br>synchronous\$4 and<br>(@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | ÖR | ON | 2007/06/07 10:00 |
| S12<br>9 | 33       | (protocol near1 (first and second)) same asynchronous\$4 and synchronous\$4 and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 10:00 |

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|----------|----|--|--|------|----|------------------|
| S13<br>0 | 2  | (protocol near1 (first and second)) same asynchronous\$4 and synchronous\$4 same (acknowledgment or handshake) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/07 10:01 |
| S13<br>1 | 15 | (protocol near1 (first and second))<br>and asynchronous\$4 and<br>synchronous\$4 same<br>(acknowledgment or handshake)<br>and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/07 10:07 |
| S13<br>2 | 36 | (protocol near1 (first and second)) same (acknowledgment or handshake) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/07 10:09 |
| S13<br>3 |    | 10/100208 and (acknowledg\$7 or handshake)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR . | ON | 2007/06/07 10:09 |
| S13<br>4 |    | (protocol near1 (first and second)) same (acknowledgment or handshake) and transm\$7 and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/07 10:10 |
| S13<br>5 | 21 | (protocol near1 (first and second)) same (acknowledgment or handshake) same transm\$7 and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/07 10:25 |
| S13<br>6 | 1  | (protocol near1 first) near1 ("2.5 V" or ("2.5" near1 volts)) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/07 10:26 |
| S13<br>7 | 2  | protocol near1 ("2.5 V" or ("2.5" near1 volts)) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR   | ON | 2007/06/07 10:27 |

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|----------|------|---|--|----------|----|------------------|
| S13<br>8 | 1    | ((first or primary or standard) near1 driver) and (switching near1 level) same ("h-level" or (high near1 level)) same ((second or standby or another) near1 driver) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR       | ON | 2007/06/07 10:30 |
| S13<br>9 | 48   | ((first or primary or standard) near1 driver) and (switching near1 level) and ("h-level" or (high near1 level)) and ((second or standby or another) near1 driver) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR       | ON | 2007/06/07 10:32 |
| S14<br>0 | 3    | ((first or primary or standard) near1 driver) and (switching near1 level) and ("h-level" or (high near1 level)) and ((second or standby or another) near1 driver) and symmetrical and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")        | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR       | ON | 2007/06/07 10:32 |
| S14<br>1 | 1    | (data near1 transmission near1 unit or device) same (data near1 processing near1 system or network) same (first near1 protocol) same (second near1 protocol) and (filter with reception) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR       | ON | 2007/06/07 10:56 |
| S14<br>2 | 1320 | (data near1 transmission near1 unit<br>or device) same (data near1<br>processing near1 system or<br>network) and (filter with reception)<br>and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR       | ON | 2007/06/07 14:31 |
| S14<br>3 | 12   | (first near1 protocol) same (second near1 protocol) and (filter with reception) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR ·     | ON | 2007/06/07 14:04 |
| S14<br>4 | 1    | (first near1 protocol) same (second near1 protocol) same(filter with reception) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR       | ON | 2007/06/07 11:00 |

| S14<br>5 | 1     | (first near1 protocol) same (second near1 protocol) and (filter with reception with end) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 11:02 |
|----------|-------|---|--|----|----|------------------|
| S14<br>6 | 47    | "370"/\$.ccls. and (filter with reception with end) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 11:02 |
| S14<br>7 | 1     | "370"/466.ccls. and (filter with reception with end) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 11:03 |
| S14<br>8 | 7     | (data near1 transmission near1 unit or device) same (data near1 processing near1 system or network) same (first near1 protocol) same (second near1 protocol) same filter and (@ad<"20040112" @prad<"20040112" @rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 13:55 |
| S14<br>9 | 10    | (data near1 processing near1 system or network) same (first near1 protocol) same (second near1 protocol) same filter and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 13:59 |
| S15<br>0 | 30    | (first near1 protocol) same (second near1 protocol) same (filter) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 14:04 |
| S15<br>1 | 0     | (data near1 transmission near1 unit or device) same (data near1 processing near1 system or network) same (filter near2 recieve) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 14:32 |
| S15<br>2 | 12400 | (data near1 transmission near1 unit<br>or device) same (data near1<br>processing near1 system or<br>network) same (filter) and<br>(@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR | ON | 2007/06/07 14:33 |

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|----------|--------|--|--|----------|-----------|------------------|
| S15<br>3 | 1469   | "370"/\$.ccls. and (data near1 transmission near1 unit or device) same (data near1 processing near1 system or network) same (filter) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR       | ON        | 2007/06/07 14:34 |
| S15<br>4 | 8      | "370"/\$.ccls. and (data near1 transmission near1 unit or device) same (data near1 processing near1 system or network) same (filter) same (protocol near1 second) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR .     | ON        | 2007/06/07 14:35 |
| S15<br>5 | 0      | 2005/0141557   | US-PGPUB;<br>USPAT                       | OR       | ON        | 2007/06/08 11:35 |
| S15<br>6 | 1      | "20050141557"  | US-PGPUB;<br>USPAT                       | OR       | ON        | 2007/06/08 11:35 |
| S15<br>7 | 1      | "20050141557" and parallel with protocol near1 (first and second)  | US-PGPUB;<br>USPAT                       | OR       | ON        | 2007/06/08 11:37 |
| S15<br>8 | 1      | "20050141557" and parallel same protocol near1 (first and second)  | US-PGPUB;<br>USPAT                       | OR       | ON        | 2007/06/08 13:17 |
| S15<br>9 | 1      | "6937615"  | US-PGPUB;<br>USPAT                       | OR       | ON        | 2007/06/08 13:32 |
| S16 ·    | 8      | "4147894"  | US-PGPUB;<br>USPAT                       | OR       | ON        | 2007/06/08 13:41 |
| S16<br>1 | 215851 | "4147894" signal with sequence   | US-PGPUB;<br>USPAT                       | OR       | ON        | 2007/06/08 13:41 |
| S16<br>2 | 2      | "4147894" and signal with sequence   | US-PGPUB;<br>USPAT                       | OR       | ON        | 2007/06/08 13:42 |
| S16<br>3 | 72394  | switching with level and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR       | ON        | 2007/06/08 13:54 |
| S16<br>4 | 3547   | "370"/\$.ccls. and switching with level and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR       | ON        | 2007/06/08 13:54 |
| S16<br>5 | 13     | "370"/466.ccls. and switching with<br>level with diff\$8 and<br>(@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT | OR       | ON        | 2007/06/08 13:52 |

| S16<br>6 | 3    | "370"/466.ccls. and switching with level with diff\$8 and ((first and second) near1 protocol) and (@ad<"20040112" @prad<"20040112"                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                          | OR | ON  | 2007/06/08 13:53 |
|----------|------|---|---|----|-----|------------------|
| S16<br>7 | 0    | @rlad<"20040112") "370"/466.ccls. and switching adj level with diff\$8 and ((first and second) near1 protocol) and (@ad<"20040112" @prad<"20040112" @rlad<"20040112") | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                          | OR | ON  | 2007/06/08 13:53 |
| S16<br>8 | 2239 | switching adj level and<br>(@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                          | OR | ON  | 2007/06/08 13:54 |
| S16<br>9 | 96   | "370"/\$.ccls. and switching adj level<br>and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                          | OR | ON. | 2007/06/08 13:56 |
| S17<br>0 | 6    | "370"/466.ccls. and switching adj<br>level and (@ad<"20040112"<br>@prad<"20040112"<br>@rlad<"20040112")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                          | OR | ON  | 2007/06/08 13:55 |
| S17<br>1 | 6    | "370"/\$.ccls. and switching adj level with diff\$8 and (@ad<"20040112" @prad<"20040112" @rlad<"20040112")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                          | OR | ON  | 2007/06/08 14:18 |
| S17<br>2 | 2    | "6831924"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                          | OR | ON  | 2007/06/08 14:55 |
| S17<br>3 | 2    | "20070008990"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                          | OR | ON  | 2007/06/08 15:15 |
| S17<br>4 | 3    | "20010055283"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                          | OR | ON  | 2007/06/08 15:28 |
| S17<br>5 | 3    | "20030235204"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                          | OR | ON  | 2007/06/08 15:28 |
| S17<br>6 | 3588 | (first near4 protocol) and (second near4 protocol) and "370"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/14 14:39 |

|          |       |  |   | <u> </u> |      |                  |
|----------|-------|--|---|----------|------|------------------|
| S17<br>7 | 35838 | (first near4 signal near4 level) and (second near4 signal near4 level)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR       | ON   | 2007/06/14 14:40 |
| S17<br>8 | 16    | S176 and S177  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR       | ON   | 2007/06/14 14:40 |
| S17<br>9 | 48    | ethernet adj protocol same voltage   | US-PGPUB;<br>USPAT  | OR       | ON   | 2007/06/18 13:13 |
| S18<br>0 | 10    | "370"/\$.ccls. and ethernet adj<br>protocol same voltage   | US-PGPUB;<br>USPAT  | OR       | ON   | 2007/06/18 13:17 |
| S18<br>1 | 833   | ethernet same transmission adj rate  | US-PGPUB;<br>USPAT  | OR       | ON   | 2007/06/18 13:18 |
| S18<br>2 | 419   | S181 and "370"/\$.ccls.  | US-PGPUB;<br>USPAT  | OR       | ON   | 2007/06/18 13:18 |
| S18<br>3 | 0     | S181 and "370"/\$.ccls. same "mbps"  | US-PGPUB;<br>USPAT  | OR       | ON   | 2007/06/18 13:18 |
| S18<br>4 | 249   | ethernet same transmission adj rate same "mbps"  | US-PGPUB;<br>USPAT  | OR       | ON   | 2007/06/18 13:19 |
| S18<br>5 | 147   | S184 and "370"/\$.ccls.  | US-PGPUB;<br>USPAT  | OR       | ON   | 2007/06/18 13:20 |
| S18<br>6 | 64    | ethernet same transmission adj rate same "mbps" same protocol                                      | US-PGPUB;<br>USPAT  | OR       | ON   | 2007/06/18 13:19 |
| S18<br>7 | 40    | S186 and "370"/\$.ccls.  | US-PGPUB;<br>USPAT  | OR       | ON   | 2007/06/18 15:19 |
| S18<br>8 | 51    | symmetrical near4 (High adj level or ("h-level") or ("high-level"))                                | US-PGPUB;<br>USPAT  | OR       | ON   | 2007/06/18 15:30 |
| S18<br>9 | 1     | "370"/\$.ccls. and symmetrical near4<br>(High adj level or ("h-level") or<br>("high-level"))       | US-PGPUB;<br>USPAT  | OR       | ON   | 2007/06/18 15:21 |
| S19<br>0 | 7     | symmetrical near4 (High adj level<br>or ("h-level") or ("high-level")) and<br>switch\$5 adj level  | US-PGPUB;<br>USPAT  | OR       | ON   | 2007/06/18 15:27 |
| S19<br>1 | 1     | symmetrical near4 (High adj level<br>or ("h-level") or ("high-level"))<br>same switch\$5 adj level | US-PGPUB;<br>USPAT  | OR .     | ON · | 2007/06/18 15:27 |
| S19<br>2 | 1     | symmetrical near4 (High adj level<br>or ("h-level") or ("high-level"))<br>same driver              | US-PGPUB;<br>USPAT  | OR .     | ON   | 2007/06/18 15:31 |

| S19<br>3 | 1   | symmetrical near4 (High adj level<br>or ("h-level") or ("high-level"))<br>same driver | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT;<br>IBM_TDB | OR              | ON | 2007/06/18 15:35 |
|----------|-----|---|--|-----------------|----|------------------|
| S19<br>4 | 4   | symmetrical and driver and first adj<br>level and first adj protocol                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT;<br>IBM_TDB | OR              | ON | 2007/06/18 15:36 |
| S19<br>5 | 4   | symmetrical and driver and first adj<br>level and first adj protocol and high         | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT;<br>IBM_TDB | OR              | ON | 2007/06/18 15:44 |
| S19<br>6 | 4   | first adj driver same first adj<br>protocol   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT;<br>IBM_TDB | OR <sup>-</sup> | ON | 2007/06/18 15:53 |
| S19<br>7 | 4   | second adj driver same second adj<br>protocol   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT;<br>IBM_TDB | OR              | ON | 2007/06/18 15:54 |
| S19<br>8 | 14  | second adj driver and second adj<br>protocol  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT;<br>IBM_TDB | OR              | ON | 2007/06/18 15:54 |
| S19<br>9 | .1  | second adj driver and second adj<br>protocol and symmetrical                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT;<br>IBM_TDB | OR              | ON | 2007/06/18 15:56 |
| S20<br>0 | 279 | symmetrical near level  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT;<br>IBM_TDB | OR              | OŅ | 2007/06/18 16:04 |
| S20<br>1 | 5   | "370"/\$.ccls. and symmetrical near level   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT;<br>IBM_TDB | OR              | ON | 2007/06/18 16:01 |
| S20<br>2 | 5   | "370"/\$.ccls. and symmetrical near level and (high or low)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT;<br>IBM_TDB | OR              | ON | 2007/06/18 16:02 |

| S20<br>3 | . 0 | "370"/\$.ccls. and symmetrical near<br>level adj (high or low) | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/06/18 16:03 |
|----------|-----|--|--|------|----|------------------|
| S20<br>4 | 0   | "370"/\$.ccls. and symmetrical near<br>switching adj level     | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT;<br>IBM_TDB | OR . | ON | 2007/06/18 16:04 |
| S20<br>5 | 0   | "370"/\$.ccls. and symmetrical same<br>switching adj level     | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT;<br>IBM_TDB | OR ` | ON | 2007/06/18 16:04 |
| S20<br>6 | 1   | symmetrical near switching adj level                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/06/18 16:04 |
| S20<br>7 | 28  | symmetrical same switching adj<br>level                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/06/18 16:05 |
| S20<br>8 | 0   | "370"/\$.ccls. and symmetrical same switching adj level        | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/06/18 16:06 |
| S20<br>9 | . 2 | first adj protocol with "2.5"                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/06/18 16:07 |

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